

CLAIMS

1 1. A wiring-connecting material comprising from 2 to
2 75 parts by weight of a polyurethane resin, from 30 to 60 parts
3 by weight of a radical-polymerizable substance and from 0.1
4 to 30 parts by weight of a curing agent generating a free radical
5 upon heating.

1 2. The wiring-connecting material according to claim
2 1, which further comprises from 0 to 40 parts by weight of
3 a film-forming material.

1 3. The wiring-connecting material according to claim
2 2, wherein said film-forming material is a polyimide resin.

1 4. The wiring-connecting material according to any one
2 of claims 1 to 3, which further comprises conductive particles.

1 5. The wiring-connecting material according to any one
2 of claims 1 to 3, wherein said polyurethane resin has a flow
3 point of from 40°C to 140°C as measured by the flow tester method.

Sub A 1 7
1 6. The wiring-connecting material according to any one
2 of claims 1 to 5, wherein said curing agent has a weight retention
3 at 25°C for 24 hours, of not less than 20% by weight.

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1 7. The wiring-connecting material according to any one
2 of claims 1 to 6, wherein said radical-polymerizable substance
3 is urethane acrylate.

1 8. A process for producing a wiring-connected board;
2 the process comprising a connecting step of interconnecting
3 wiring members each having a connecting terminal, which members
4 are so interconnected that their connecting terminals are able
5 to make conduction between them;
6 said connecting step comprising the step of heating
7 the wiring-connecting material according to any one of claims
8 1 to 7 while applying a pressure thereto via the wiring members;
9 the wiring-connecting material being held between at least
10 two wiring members so disposed that their sides having the
11 connecting terminals face to each other.

1 9. The process for producing a wiring-connected board
2 according to claim 8, wherein at least one of the connecting
3 terminals has a surface formed of at least one metal selected
4 from gold, silver and a platinum group metal.

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